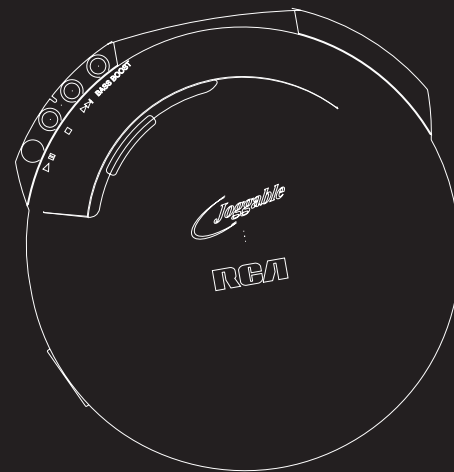


RCA

THOMSON



IMPORTADOR
Comercializadora Thomson
de Mexico, S.A. de C.V.
Miguel de Cervantes Saavedra No. 57
Col. Granada
Mexico D.F. C.P. 11520
Telefono: 52 54 53 73
R.F.C.: CTM-980723-KS5

0137

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10330 N. Meridian St.
Indianapolis, IN 46290
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www.rca.com

55171820 rev.1(EN/E/F)

It is important to read this instruction book prior to using your new product for the first time.
Es importante leer este manual antes de usar por vez primera su equipo.

RP2440/LAD990U

FCC INFORMATION

EN This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In accordance with FCC requirements, changes or modifications not expressly approved by Thomson multimedia Inc. could void the user's authority to operate this product.

This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception.

If this equipment does cause interference to radio or television reception (which you can determine by unplugging the unit), try to correct the interference by one or more of the following measures:

- o Re-orient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- o Move the unit away from the equipment that is receiving interference.
- o Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies. This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of manufacture.

1

FCC INFORMATION

For Your Records

In the event that service should be required, you may need both the model number and the serial number. In the space below, record the date and place of purchase, and the serial number:

Model No.
Date of Purchase
Place of Purchase
Serial No.

Service Information

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide.

This Class B digital apparatus complies with Canadian ICES-003.

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.



Have a Blast- Just Not in Your Eardrums

Make sure you turn down the volume on the unit before you put on headphones. Increase the volume to the desired level only after headphone are in place.



Accessories:

1. the main unit;
2. one remote control;
3. one external backup batteries pack;
4. one headphones;
5. one carrying pouch;
6. AC/DC adaptor;
7. user manual;
8. carrying strap;
9. 2 x AAA batteries (LAD990RC only)

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SAFETY INFORMATION

Thomson information CAUTION

Invisible laser radiation when open. Avoid exposure to beam. Class I laser product. This system must be opened only by qualified technicians to prevent accidents caused by the laser beam.

LASER λ = 780 nm, P max = 5 mW

Rating Information: At bottom of the unit
this unit comply with the existing requirements



In accordance with the rating plate of the unit, this unit complies with current standards concerning electrical safety and electromagnetic compatibility.



Have a Blast- Just Not in
Your Eardrums
Make sure you turn down
the volume on the unit
before you put on
headphones. Increase the

volume to the desired level only after
headphone are in place.



Please respect the environment!
Before throwing any batteries
away, consult your distributor
who may be able to take them
back for specific recycling.

SAFETY INFORMATION

ADVARSEL!
ØSYNLIG LASERSTRÅLING VED
ÅBNING NÅR SIKKERHEDSÅFTRYDERE
ER I DE AF FUNKTION. UNDDÅ
UDSÆTTELSE FOR STRÅLING.

VORSICHT!
UNSICHTBARE LASERSTRALUNG
WENN ABDECKUNG GEÖFFNET UND
SICHERHEITS- VERREGELUNG
ÜBERSCHÜTTET
NICHT DEM LASERSTRAHL AUSSETZEN!

CAUTION – INVISIBLE LASER
RADIATION WHEN OPEN AND
INTERLOCKS FAILED OR DEFEATED.
AVOID EXPOSURE TO BEAM.

ATTENTION – RAYONNEMENT LASER
INVISIBLE DANGEREUX EN CAS
D'OUVERTURE ET LORSQUE LA
SECURITE EST NEUTRALISEE.
EXPOSITION DANGEREUSE AU
FAISCEAU.



CLASS 1 LASER PRODUCT
LASER KLASSE 1
APPAREIL A LASER DE CLASSE 1
LUOKAN 1 LASERLAITE
KLASS 1 LASERAPPARAT

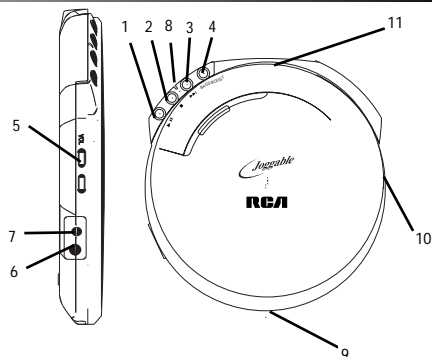
WARNING–
ØSYNLIG LASERSTRÅLING NÅR
DENNA DEL ÅR ÖPPNAD OCH
SPÄRRAN ÅR URKOPPLADE.
BETRÄKTA EJ STRÅLEN.

VARO!
AVATTAESSA JA SOUJALUKITUS
OHITETTAESSA OLET ALTITAIN
NÄKYMÄTTÖMÄLLÄ
LASERATYÖLLE ALA KATSO
SÄTEESSEEN.

The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice. The English version serves as the final reference on all products and operational details should any discrepancies arise in other languages.

CD PLAYER

EN



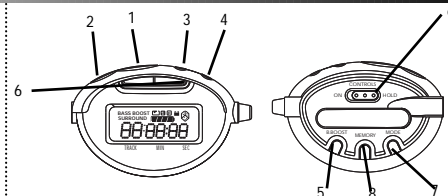
1. **Play/pause** ►|| -- Plays CD, or pauses during playback.
2. **Stop** ■ -- stops CD playback.
3. **Skip forward** ►► -- skips to the next track.
4. **Bass Boost** -- activates Bass Boost/surround sound function.
5. **Vol+/Vol-** -- increases/decreases volume level (from 0 to 30)
6. **Phones** -- jack for headphones/optical out.
7. **Control** -- jack for remote control.
8. **Recharge indicator** -- light on when charging batteries.
9. **Open** -- slides to open the door.
10. **Hold** -- locks keys on the main unit, a signal will be displayed when lock mode is ON.
11. **DC in** -- jack for external power.

Note: The "Hold" switch on the main unit is to lock the keys on the main unit only.

5

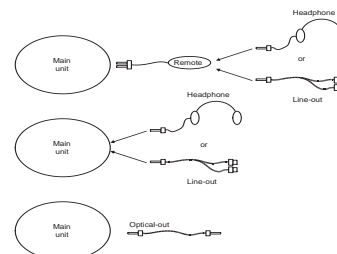
CD PLAYER

EN



1. **Play/pause** ►|| -- Plays CD, or pauses during playback.
2. **Stop** ■ -- stops CD playback.
3. **Skip backward** ◀◀ -- skips to the previous track(remote only).
4. **Skip forward** ►► -- skips to the next track
5. **B. Boost** -- Press to activate Bass Boost./Surround function.
6. **Vol+/Vol-** -- increases/decreases volume level.
7. **Mode** -- toggles among repeat / random/ intro mode.
8. **Memory** -- selects display mode (time elapsed / remaining time) activates program mode (at CD stop mode only)
9. **Control** -- slides to HOLD position to lock keys function (no signal will be displayed)

The multi-purpose jack on the main unit can be connected to the following devices(figures are shown below):



6

CD PLAYER





EN

Listening to a Compact Disc

1. Slide the **OPEN** switch to the right to open the door. Insert a disc and press lightly on the centre to lock. Close the door.
2. Press **PLAY/PAUSE** button, then the total number of tracks and time of the CD will be displayed on the remote.
3. CD starts to play back.
4. You can skip to next track by pressing the **▶▶** button.

Repeat and Random Playback

Press **mode** repeatedly to

1. Replay the entire disc: 
2. Replay the current track: 
3. Random playback each track on disc once: 
4. Repeat random tracks 
5. Intro mode
6. Back to standard playback.

Intro mode

1. Press mode repeatedly until "Scan" signal is displayed, the unit will play the first 10 seconds of each track.

Smart Resume

When you stop CD play and power off the unit, or if CD compartment lid is opened, Smart Resume is automatically activated. It stores all the current settings and modes: current track, Shuffle, time display, Mode (Repeat/Repeat All/Program), volume, bass boost and surround. When play mode is on again, the unit RESUMES to the settings and plays the last track you listen to.

Note: If a different CD is inserted, playback will start from the first track; if you press STOP to return to stop mode, then press PLAY again without powering off the unit, the unit will play from track one.

7

CD PLAYER

EN

Program

Note: the CD player must be in Stop mode.

1. Press **memory** button on the remote.
2. Select the track to be stored by pressing **◀◀** or **▶▶**.
3. Press **memory** again to confirm and store.
4. Repeat steps 2-3 to store other tracks.
5. Press **play** button to listen to your programmed songs.

Note: you can program up to 24 tracks.

To cancel your program, press and hold the **Mode** button when in stop mode. **Erase** will appear on the display.

Program edit

1. Press and hold the **MEMORY** button when in stop mode.
2. Display shows "e.g.13 E_01", rightmost number shows the program number, leftmost number shows the track number, "E" indicates it is in edit mode.
3. Press **◀◀** or **▶▶** to change the track number.
4. Press **MEMORY** to accept and move to next program number.
5. To delete a program number, select track 00 and press **MEMORY**.
- 6 Repeat steps 3-5 to edit other tracks.
7. Press **PLAY** button to listen to your programmed songs.

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CD PLAYER

EN

Recharge function

To charge Ni-Cd/Ni-MH batteries (not included):

1. Insert 2 rechargeable batteries in the main unit compartment.
2. Connect the main adaptor.
3. Make sure the **HOLD** switch is off.
4. Press **STOP** to start battery charging.
5. An animated battery logo will be displayed when charging is in progress. (recharge indicator light on)
6. When the batteries are fully charged, "Full" will be displayed, and charging will automatically stop.
7. You can also stop recharge operation by pressing **PLAY** button/ removing the AC adaptor.

Attention: To avoid battery leakage, please do not activate the recharge function using non-rechargeable batteries. If error occurs during the recharge process, "bAtErr" will be displayed. For example, non-rechargeable batteries are inserted into the unit by mistake.

AC OUTLET POWER SUPPLY

You can power your CD player with the supplied AC/DC Adapter. Refer to the table for details of the operating voltage of the Adapter supplied with your unit.

AC/DC Adapter is purposed for indoor use in dry rooms only.

Remove the jack from the device to use it with the batteries.

Note : *Power is fed to the unit even when it is not functioning. To cut the power supply off, the AC/DC Adapter must be unplugged.*

| Model Number | AC/DC Adapter | Batteries |
|--------------|---|---------------------|
| RP2440 | 5-4142 Required Rating: Input: 120V 60Hz 9.0W Output: 4.5VDC@700mA | AAAx2(not included) |
| LAD990RC | 5-4143 (230v 50Hz) | AAAx2(included) |
| LAD990U | 5-4144 (230v 50Hz) | AAAx2(included) |

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CD PLAYER

EN

The **JOGGABLE SHOCK PROTECTION** system prevents sound interruptions when impacts or vibrations occur, and this function is always **ON**, in order to provide uninterrupted playback and preserve batteries.

Note: the anti-shock function will be automatically disabled when optical output is connected.

Troubleshooting Tips

No power, does not work?

- Batteries may be inserted incorrectly.
- Batteries may be empty. Recharge (only Ni-Cd/Ni-MH battery) or replace new batteries.
- Connection may be loose if using AC/DC transformer.
- **HOLD** button may be activated.

Disc cannot be played?

- Disc may not be inserted correctly with label side facing upward.

- CD-RW (or CD-R) disc may not be recorded properly.

Skipping tracks or bad sound quality?

- Disc may be dirty or scratched badly.
- Disc lens may be dirty and need cleaning.
- There may be strong magnetic fields (e.g. too close to TV) near the unit.

Battery type

AAAx2
AAx2 (ext. batt. pack)
AAAx2 + AAx2

Estimated time for playing

14 hrs.
30 hrs.
50 hrs.

SPC: Sound Pressure Control at 100dB maximum (only for Thomson models)

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MORE INFORMATION

- EN**
- Do not store CDs in damp areas.
 - Do not expose CDs to high temperatures.
 - Do not put any tape or adhesives on either side of the disc.
 - You should avoid leaving the CD door open. Dust is liable to impair performance of the laser optical unit.
 - Do not use your set immediately after transport from a cold place to a warm place : there may be condensation problems.
 - Do not touch the playing surface. Make sure that you keep your set away from water and high temperatures.
 - If you do not use your set on battery power for more than one month, we advise you to take out all the batteries.
 - To prevent personal injury, do not reverse any battery and do not mix battery types.
 - Discard leaking batteries immediately. Leaking batteries can cause skin burns or other personal injury.
 - Prolonged use of the CD player at full volume can damage the user's ear.

MAINTENANCE

Clean the player with a soft cloth, or a damp chamois leather. Never use solvents.

Notes on CD-R/RW Discs

- CD-R/RW discs recorded by personal computers or some CD-R/RW recorders may not be played properly due to varied quality of software and recorder.
- Do not load an unrecorded CD-R/RW disc into the unit. This may take a longer time to read the disc.

TECHNICAL SPECIFICATIONS

* **Frequency response:** 20Hz to 20kHz

Power Supply

- 4.5V DC (through AD/DC Adapter)
- 2 "AAA" alkaline/ rechargeable Ni-cd/ Ni-MH batteries;
- 2 "AA" batteries for External Backup Battery Pack.
- 4.5V DC (through car DC Adapter)(not included)

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US LIMITED WARRANTY

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- One year from date of purchase.

The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

- Provide you with a new, or at our option, a refurbished unit. The exchange unit is under warranty for the remainder of the original product's warranty period.
- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Include evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send via standard UPS or its equivalent to:

Thomson multimedia Inc.
Product Exchange Center
11721 B Alameda Avenue
Socorro, Texas 79927

- Insure your shipment for of loss or damage. Thomson accepts no liability in case of damage or loss en route to Thomson.
- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.

- A new or refurbished unit will be shipped to you freight prepaid.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating Instructions and user controls. For additional information, ask your dealer.)
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of nature, such as but not limited to lightning damage.

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US LIMITED WARRANTY

Product Registration:

• Please complete and mail the Product registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

• **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON MULTIMEDIA INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A WARRANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**

• **REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. THOMSON MULTIMEDIA INC. SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED WARRANTY ARE GOVERNED BY THE LAWS OF THE STATE OF INDIANA. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE.**

How state law relates to this warranty:

- Some states do not allow the exclusion nor limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you.
- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

If you purchased your product outside the USA:

- This warranty does not apply. Contact your dealer for warranty information.

CANADIAN LIMITED WARRANTY

Thomson multimedia Ltd. warrants to the purchaser or gift recipient that if any manufacturing defect becomes apparent in this product within 1 year from the original date of purchase, it will be replaced free of charge, including return transportation.

This warranty does not include damage to the product resulting from accidents, misuse or leaking batteries.

Should your product not perform properly during the warranty period, either:

1. Return it to the selling dealer with proof of purchase for replacement,

OR

2. Remove the batteries (where applicable), and pack product complete with accessories in the original carton (or equivalent). Mail prepaid (with proof of purchase) and insured to: Thomson multimedia Ltd.

6200 Edwards Blvd.,
Mississauga, Ontario,
L5T 2V7
Canada

The provisions of this written warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation, and to the extent that any such provisions purport to disclaim, exclude or limit any such statutory warranties and other rights and remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

If you are unable to find a qualified servicer for out of warranty service, you may write to:

Thomson multimedia Inc.
P.O. Box 0944
Indianapolis, Indiana, U.S.A., 46206-0944

Attach your sales receipt to this booklet for future reference. This information is required if service is needed during the warranty period.

PURCHASE DATE

NAME OF STORE